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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT Andrei Malkov et al.	
(Use several sheets if necessary) (37 CFR 1.98(b))	FILING DATE August 13, 2001	GROUP

U.S. PATENT DOCUMENTS
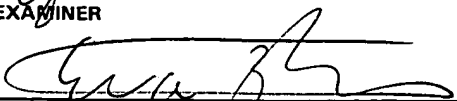
EXAMINER INITIAL		DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APROPRIATE
✓		5 5 0 2 7 3 5	03/26/1996	Cooper	714	794	9/13/94
✓		6 1 3 4 2 7 7	10/17/2000	Shah	375	341	9/9/97

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

✓	1	"Reduced-State Sequence Estimation With Set Partitioning and Decision Feedback," by M. Vedat Eyuboğlu and Shahid U. H. Qureshi, *IEEE Transactions on Communications*, Vol. 36, No. 1, January 1988, pp.13-20.
✓	2	"Optimum and Sub-Optimum Detection of Coded Data Disturbed by Time-Varying Intersymbol Interference," by Wolfgang Koch and Alfred Baier, *IEEE*, CH2827-4/90/0000-1679, 1990, pp.807.5.1-807.5.6.
✓	3	"Transactions Papers - Block Decision Feedback Equalization," by D. Williamson, R. A. Kennedy and G. W. Pulford, *IEEE Transactions on Communications*, Vol. 40, No. 2, February 1992, pp.255-264.
✓	4	"Reduced-State Soft-Output Trellis-Equalization Incorporating Soft Feedback," by S. H. Müller, W. H. Gerstacker and J. B. Huber, *Proceedings of the IEEE Global Telecommunications Conference GLOBECOM '96*, November 1996, London, pp.95-100.

EXAMINER	DATE CONSIDERED 12/22/04

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